

UNITED STATES ENVIRONMENTAL PROTECTION
AGENCY

EPA Region 5 Records Ctr.



200848

DATE: May 11, 1993

SUBJECT: Master Metals site, Cleveland, Ohio
Preliminary Ecological Review

FROM: Eileen H. Helmer, Ecologist *E Helmer*
Superfund Technical Support Section

TO: Turpin Ballard, RPM, HSRM-6J
OH/MN Remedial Response Branch

Jeanne Griffin, SAM, HSM-5J
Site Assessment Section

Joseph Fredle, OSC, HSE-5J
Emergency Response Branch

I reviewed the Site Assessment Report and accompanying soil data for the Master Metals site.

The site itself is in an industrial area and does not currently appear to contain ecologically significant habitat. However, the extreme levels, quantity and mobility of lead, cadmium and arsenic contamination situated only 1/2 mile from the Cuyahoga River clearly warrant remediation.

Further investigation should determine whether contaminated ground water reaches the river. If it does, the site remedy may need to address that migration pathway.

A range of soil or sediment bioassays are available to document the ecological toxicity of waste materials. If any doubt exists as to whether the site poses a threat, I recommend some of these toxicity tests be conducted, and could provide further detail.

If you have any questions or need any additional information, please do not hesitate to contact me at 6-4828. Also, please complete the attached critique sheet and return it to Steve Ostrodka (HSRLT-5J). These sheets help us learn how we can best direct our efforts in technical support.

cc: Steve Ostrodka, TSS
Doug Ballotti, HSRW-6J